

REMARKS

Please cancel Claim 6 without prejudice. Claims 1, 3, 7, 10-17 and 19-24 are pending. Claims 1, 3 and 10-11 are amended herein. Support for the claim amendments can be found at least on page 5, lines 33-35, and Figures 3A and 3B of the instant application.

Claims 12-17 and 19-24 are allowed. Applicant thanks the Examiner for allowing Claims 12-17 and 19-24.

102 Rejections

The instant Office Action states that Claims 1, 3 and 10-11 are rejected under 35 U.S.C. § 102(a) as being anticipated by Kawase et al. ("Kawase;" U.K. Patent Application GB 2 379 414 A).

The Applicant has reviewed the cited reference and respectfully submits that the embodiments of the present invention recited in Claims 1, 3 and 10-11 are not anticipated nor rendered obvious by Kawase.

Applicant respectfully submits that Kawase does not show or suggest "a first optical sensor that is moveable relative to a print medium; a printhead that is coupled to and moves in tandem with said first optical sensor; a second optical sensor that ... moves in tandem with both said first optical sensor and said printhead; and a print medium feed mechanism comprising a roller, wherein said first optical sensor senses information on said roller and said second optical sensor concurrently senses information on said print medium" as recited in independent Claim 1 (emphasis added).

Kawase teaches a reader 18 for reading encoding marks 19, and a CCD camera 16 for viewing alignment marks on a drum 10 and a substrate

30. However, the reader 18 is stationary (please refer to page 19 of Kawase, about line 21).

Applicant respectfully submits that Kawase does not show or suggest at least two moveable optical sensors, as claimed. In particular, Applicant respectfully submits that Kawase does not show or suggest first and second optical sensors that move in tandem, or first and second optical sensors that both move in tandem with a printhead, as claimed. Furthermore, Applicant respectfully submits that Kawase does not show or suggest first and second optical sensors that concurrently sense information from a roller and a print medium, respectively.

Therefore, Applicant respectfully submits that the basis for rejecting Claim 1 under 35 U.S.C. § 102(a) is traversed, and that Claim 1 is in condition for allowance. As such, Applicant respectfully submits that the basis for rejecting Claims 3 and 10-11 under U.S.C. § 102(a) is also traversed, as Claims 3 and 10-11 are dependent on an allowable base claim and recite additional limitations.

103 Rejections

The instant Office Action states that Claim 7 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Kawase in view of Marinoff (U.S. Patent No. 4,207,578).

The Applicant has reviewed the cited references and respectfully submits that the embodiment of the present invention recited in Claim 7 is not anticipated nor rendered obvious by Kawase and Marinoff, alone or in combination.

As presented above, Applicant respectfully submits that Kawase does not show or suggest the embodiment of the present invention recited in independent Claim 1. Applicant respectfully submits that Marinoff does not overcome the shortcomings of Kawase. Specifically, Applicant respectfully submits that Marinoff, alone or in combination with Kawase, does not show or suggest “a first optical sensor that is moveable relative to a print medium; a printhead that is coupled to and moves in tandem with said first optical sensor; a second optical sensor that ... moves in tandem with both said first optical sensor and said printhead; and a print medium feed mechanism comprising a roller, wherein said first optical sensor senses information on said roller and said second optical sensor concurrently senses information on said print medium” as recited in independent Claim 1 (emphasis added).

Because Claim 7 is dependent on independent Claim 1 and recites additional limitations, Applicant respectfully submits that Kawase and Marinoff (alone or in combination) also do not show or suggest the embodiment of the present invention recited in Claim 7. Therefore, Applicant respectfully submits that the basis for rejecting Claim 7 under 35 U.S.C. § 103(a) is traversed, and that Claim 7 is in condition for allowance as being dependent on an allowable base claim.

Conclusions

In light of the above remarks, Applicant respectfully requests reconsideration of the rejected claims.

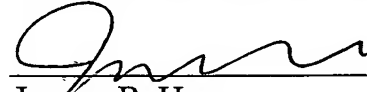
Based on the arguments presented above, Applicant respectfully asserts that Claims 1, 3, 7 and 10-11 overcome the rejections of record and, therefore, Applicant respectfully solicits allowance of these claims.

The Examiner is invited to contact Applicant's undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

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Respectfully submitted,

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